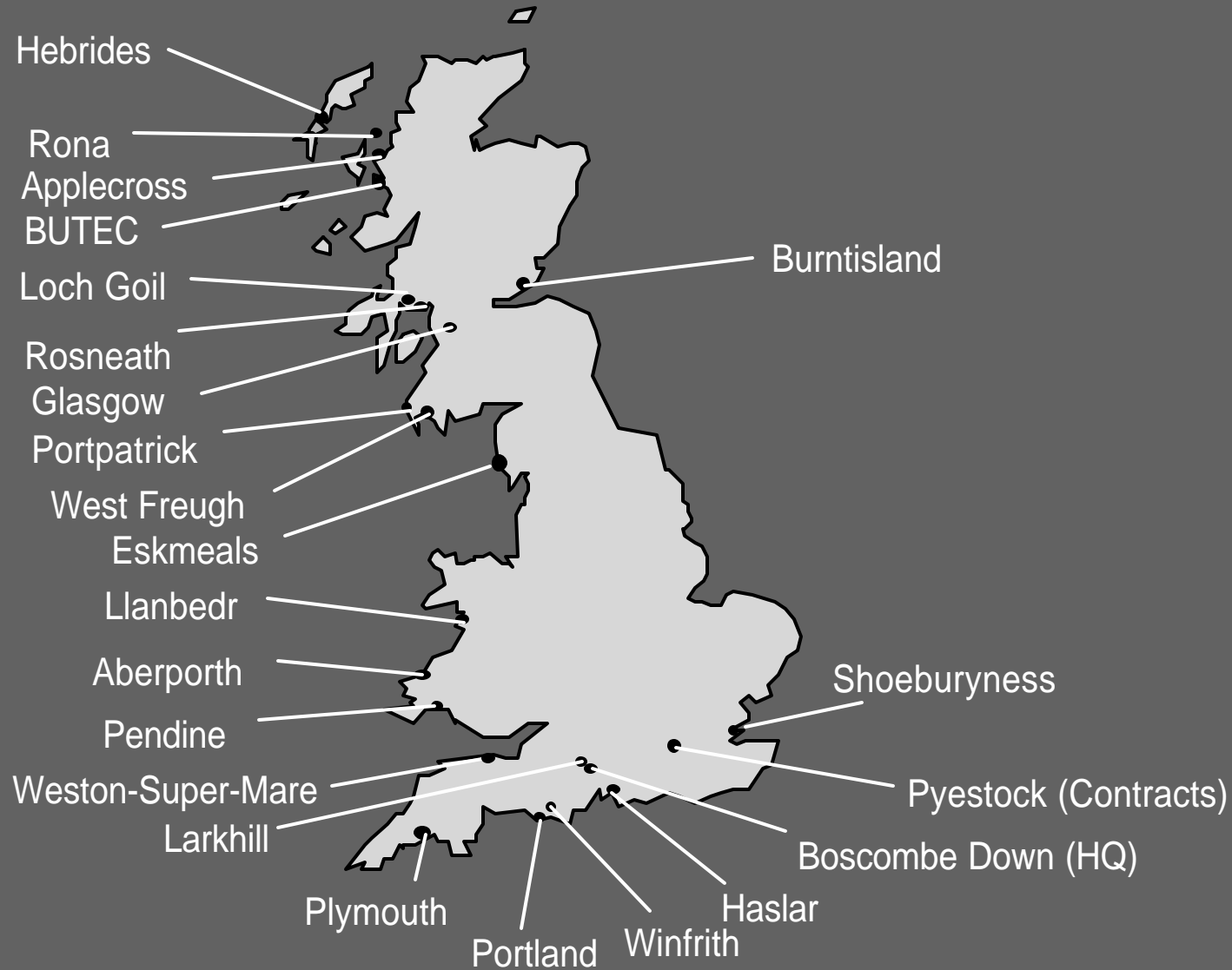


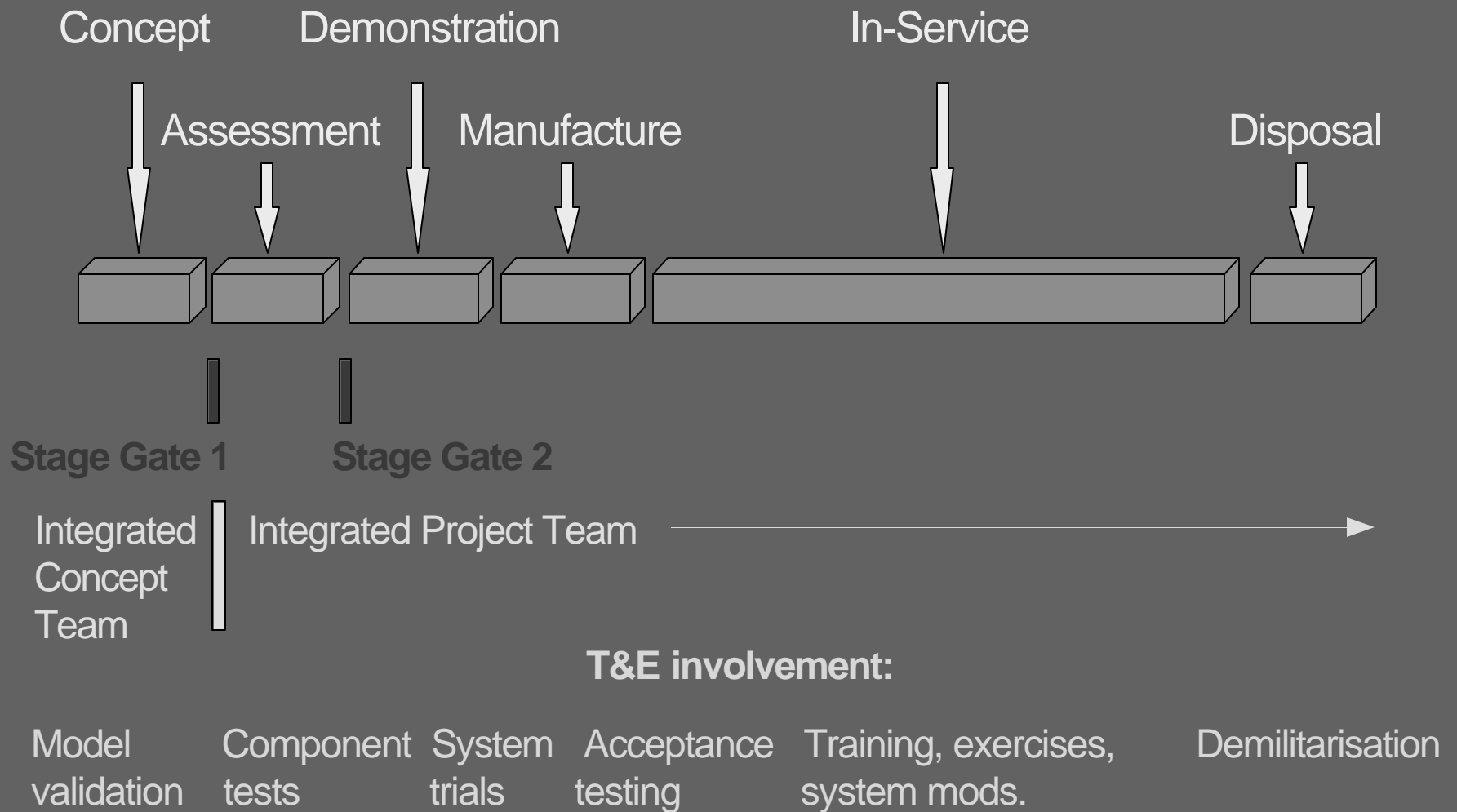
Can We Combine
T&E and Training?

DERA T&E ranges



DERA

Equipment procurement process - role of T&E



Traditional View



Traditional View



Operational Support





More advanced...

A black and white photograph of a fighter jet, likely an F-16, flying over a body of water. The jet is in the upper left quadrant, angled towards the right. In the distance, several other aircraft are visible on the horizon. The text "Mission Rehearsal" is overlaid on the right side of the image.

Mission Rehearsal

DERA West Freugh

LOW LEVEL
CORRIDOR



AREA ACTIVATED
BY NOTAM

0 1 2 3 4 5 10NM

D402A/3

D402E/3

AIRFIELD MATZ

PORTPATRICK
SONOBUOY
RANGE

D411/1

LAND RANGE

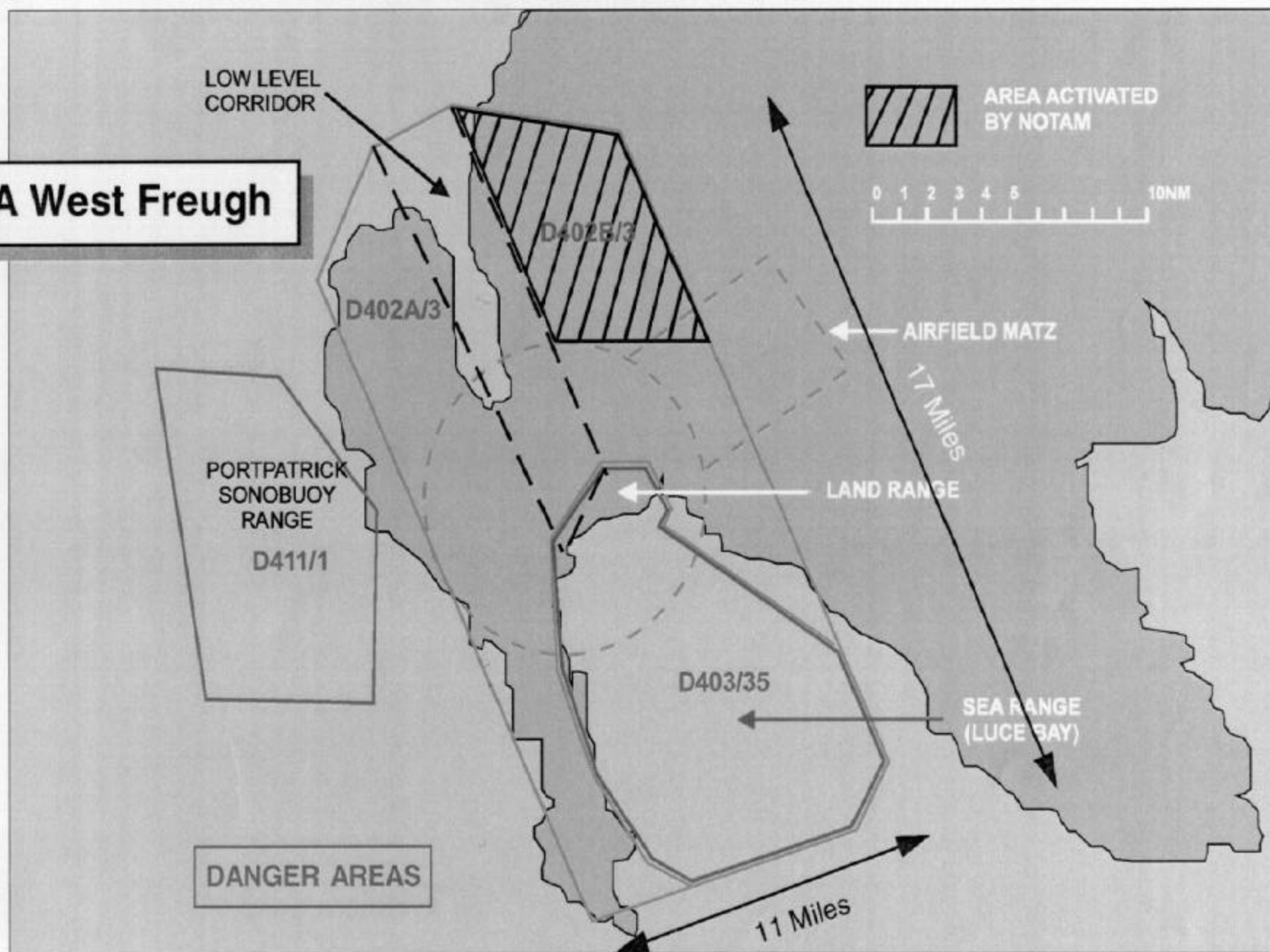
17 Miles

D403/35

SEA RANGE
(LUCE BAY)

DANGER AREAS

11 Miles



Example - T&E Range West Freugh

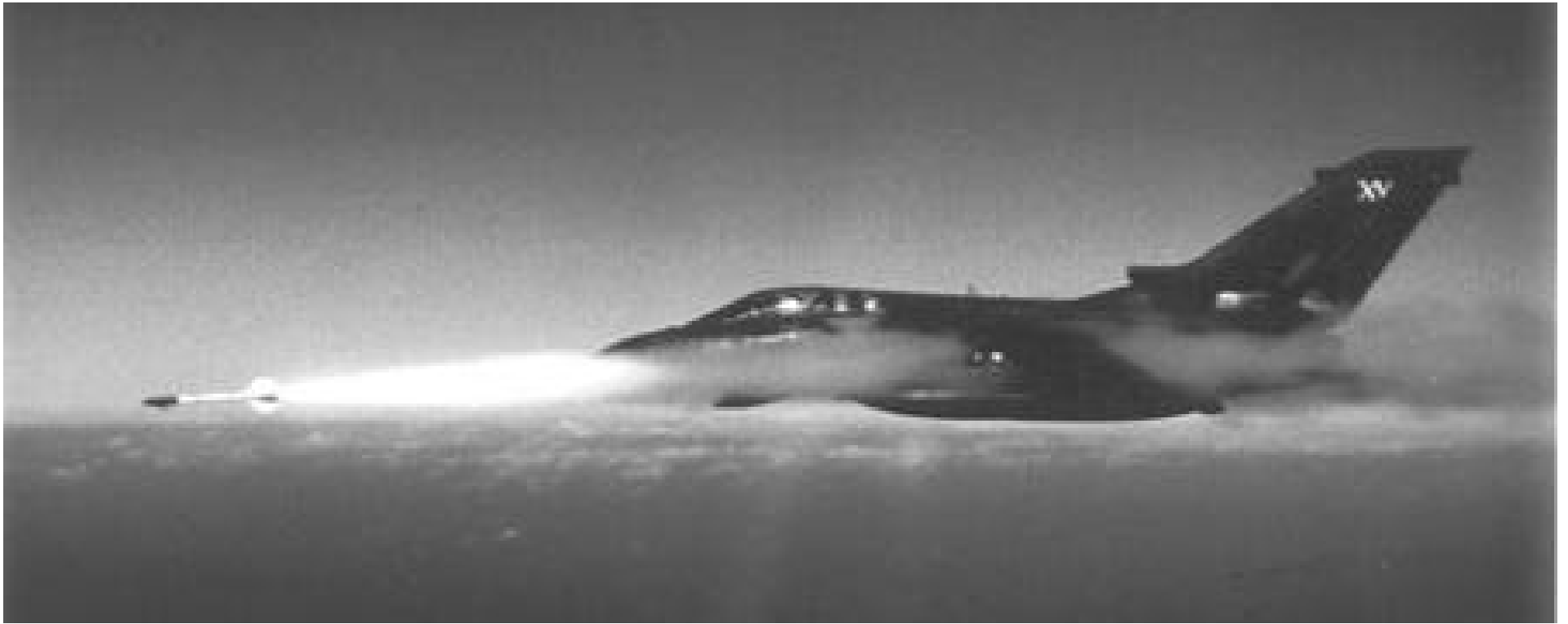
Major Customers

- MoD
 - RAF Strike Command
 - RAF P & T Command
 - Procurement Executive
- Industry
 - BAe Warton
 - Shorts
- Extensive support on UORs during recent conflict
 - 7-day working
 - weapon release clearances
 - air-to-ground accuracy trials

Use T&E Assets for Training



Missile Practice Camps



Missile Practice Camps

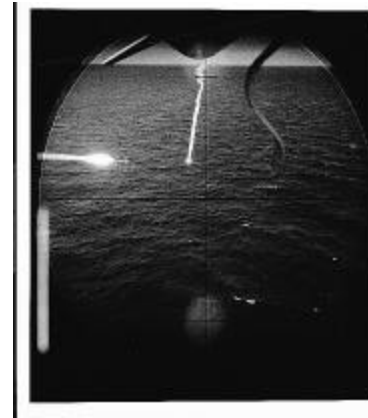
- Air-to-Air

- All Air Defence Sqns, also Ground Attack Sqns equipped with AAM.
- 1-week campaigns from RAF Valley, in Cardigan Bay (DERA Aberporth).
- Skyflash and Sidewinder 9L, total 121 missiles fired 98/99.

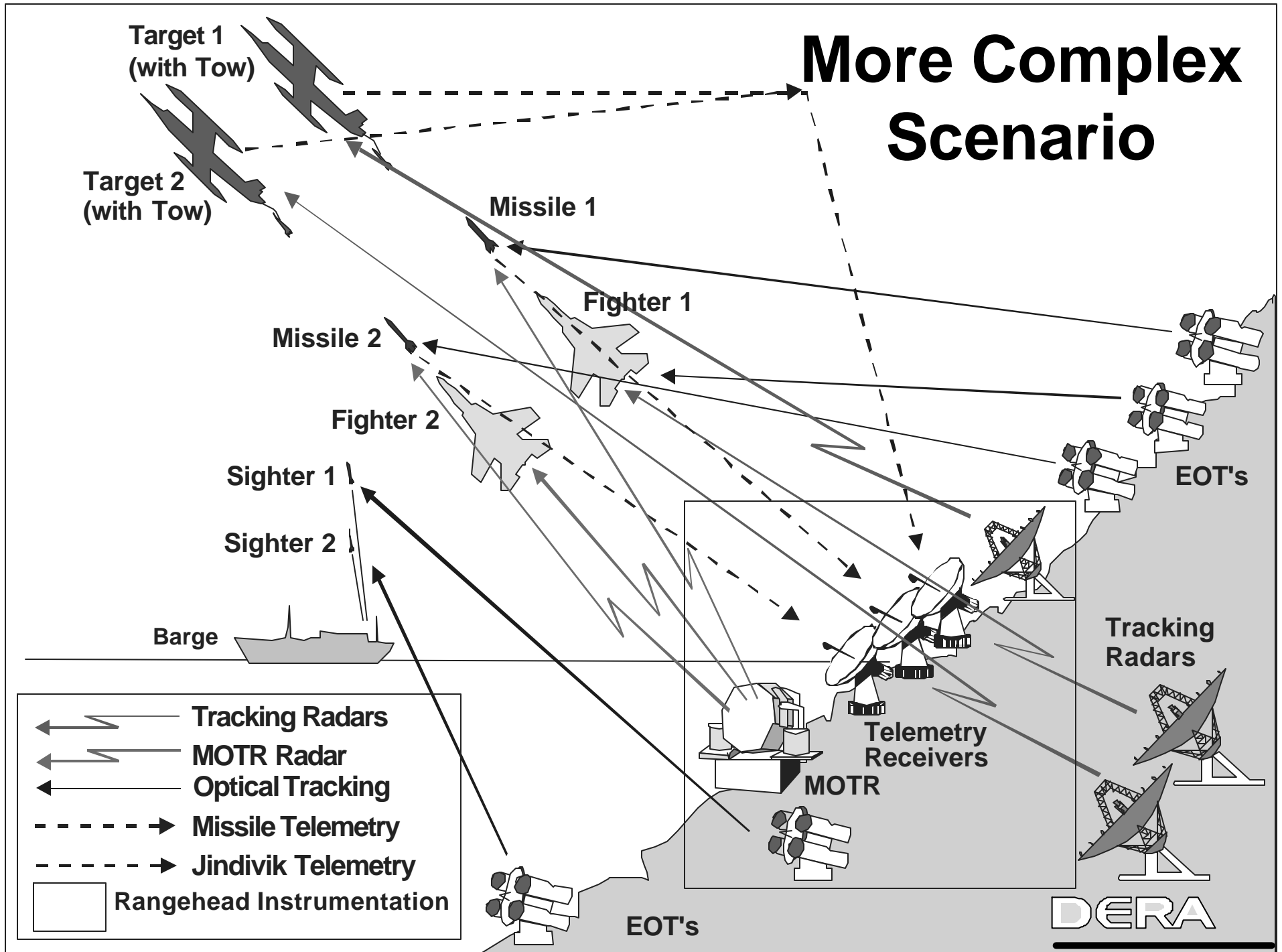
- Ground-to-Air

- Rapier Sqns of RAF Regt. plus RA Rapier Sqns
- 2-3 week deployments to DERA Hebrides range.
- 300+ missiles fired in 98/99.
- DERA costs shared by HQ STC and HQ Land.

Targets and Miss Distance



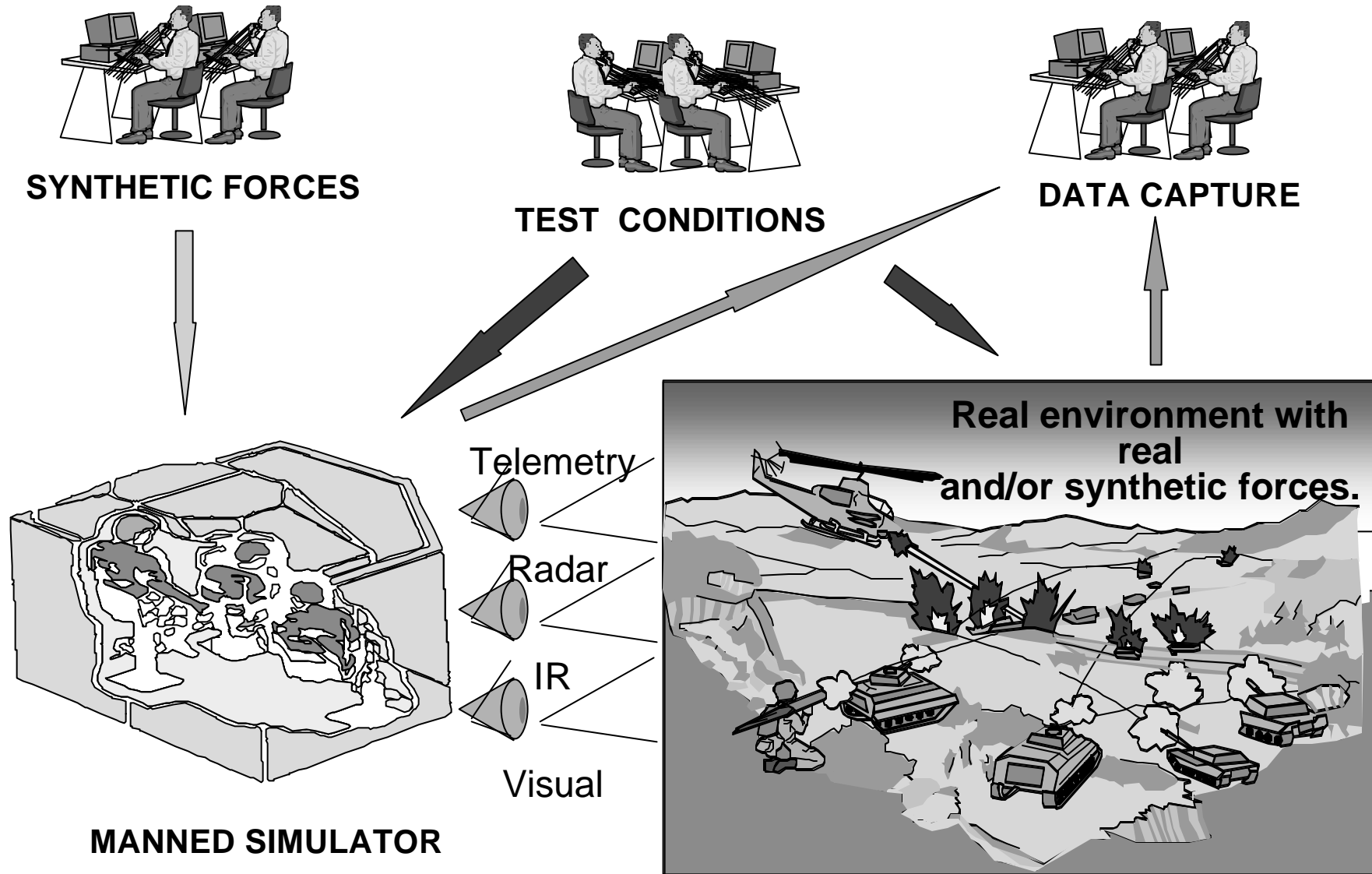
More Complex Scenario



Visualisation

- 
- **Visualisation is one of the fundamental features of synthetic environments.**
 - **Multiple uses in evaluation/analysis of data.**
 - **Rapidly extracts knowledge from data.**
 - **Can also be used in trial rehearsal to minimise abortive trials.**

Synthetic Environment-Based Test & Evaluation of Concepts



Command Staff Training Process

